

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

000164 7590 06/16/2004

KINNEY & LANGE, P.A.
THE KINNEY & LANGE BUILDING
312 SOUTH THIRD STREET
MINNEAPOLIS, MN 55415-1002



Certificate of Mailing or Transmission

**SENT VIA EXPRESS MAIL
LABEL NO.: EV 302260783 US**

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/081,743	02/22/2002	Thomas M. Anderson	S51.12-0029	9416

TITLE OF INVENTION: BOOM UTILIZING COMPOSITE MATERIAL CONSTRUCTION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	09/16/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LEE, KEVIN L	3753	137-615000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kinney & Lange, P.A.

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Schwing America, Inc.

White Bear, MN

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☐ Publication Fee
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 11-0982 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

[Signature]

7-13-04

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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TRANSMIT THIS FORM WITH FEE(S)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Thomas M. Anderson

Appln. No. : 10/081,743

Filed : February 22, 2002

Title : BOOM UTILIZING COMPOSITE
MATERIAL CONSTRUCTION

Docket No. : S51.12-0029

Group Art Unit: 3753

Examiner:
Lee, Kevin L

EXPRESS MAIL COVER SHEET

Mail Stop Issue Fee
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SENT VIA EXPRESS MAIL

Express Mail No.: EV 302260783 US

Sir:

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and Trademark Office on the date shown below:

1. Postcard;
2. Check in the amount of \$1,330.00;
3. Fee Transmittal (in duplicate);
4. Fee Address Form; and
5. Part B of the Notice of Allowance.

Respectfully submitted,

KINNEY & LANGE, P.A.

Date: 7/13/04

By

Ann Kulprathipanja, Reg. No. 50,608
THE KINNEY & LANGE BUILDING
312 South Third Street
Minneapolis, MN 55415-1002
Telephone: (612) 339-1863

FEE TRANSMITTAL



Complete if Known

Application No. 10/081,743
 Filing Date February 22, 2002
 First Named Inventor Thomas M. Anderson
 Group Art Unit 3753
 Examiner Name Lee, Kevin L
 Atty. Docket Number S51.12-0029

Total Amount of Payment \$1,330.00

METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No. 11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee
1005	160	2005	80	<input type="checkbox"/> Prov. Filing Fee
Subtotal (1) \$0.00				

2. EXTRA CLAIM FEES

	Number Claims	Prior	Extra	Fee from Below	Fee Paid
Total	—	—	X	—	—
Indep.	—	—	X	—	—
Multiple Dependent Claims	—	—	—	—	—
Insert 3 and 20, or number previously paid if greater; Reissue see below					
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Description	
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent Claim	
1204	86	2204	43	Reissue Independent Claims Over Original Patent	
1205	18	2205	9	Reissue claims in excess of 20 and over original patent	
Subtotal (2) \$0.00					

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	—
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	—
1053	130	1053	130	Non-English specification	—
1812	2,520	1812	2,520	For Filing a Request for Reexamination	—
1251	110	2251	55	Extension for reply within first month	—
1252	420	2252	210	Extension for reply within second month	—
1253	950	2253	475	Extension for reply within third month	—
1254	1,480	2254	740	Extension for reply within fourth month	—
1255	2,010	2255	1,005	Extension for reply within fifth month	—
1402	330	2402	165	Filing a brief in support of an appeal	—
1403	290	2403	145	Request for oral hearing	—
1814	110	2814	55	Terminal Disclaimer Fee	—
1452	110	2452	55	Petition to revive - unavoidable	—
1453	1,330	2453	665	Petition to revive - unintentional	—
1501	1,330	2501	665	Utility/Reissue issue fee	1,330.00
1502	480	2502	240	Design issue fee	—
1460	130	1460	130	Petitions to the Commissioner	—
1807	50	1807	50	Petitions related to provisional applications	—
1806	180	1806	180	Submission of Information Disclosure Statement	—
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	—
1801	770	2801	385	Request for Continued Examination (RCE)	—
Other fee (specify) _____					—
Subtotal (3) \$1,330.00					

Signature Ann Kulprathipanja

Date 7/13/04

Reg. No. 50,608

Deposit Account No. 11-0982